

1. A diver's equipment weighs 35 lbs. The diver plus the equipment weighs 165 lb. What is the diver's weight?
2. A tent weighs 6 lb. Your backpack and the tent together weigh 33 lb. Use an equation to find how much the backpack weighs.
3. A veterinarian weighs 140 lb. When she stops on a scale while holding a dog, the scale shows 192 lb. Let d represent the weight of the dog, and write an equation to show the dog's weight.
4. The high temperature one day in January was 34 degrees F, and the low was 27 degrees F. What was the difference between the high and low temperatures that day?
5. A recipe calls for 4 cups of flour. You have 20 cups of flour. Let r represent the flour you have left after making the recipe. What equation would represent this situation?
6. Carol earns \$8 per hour. How many hours must she work to earn \$288?